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PATENT KP  
A-64580-4/RFT/AMS 1-8-02

UNITED STATES PATENT AND TRADEMARK OFFICE

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In Re Application of )  
PATI, et al. ) Examiner: A. Baker  
Serial No.: 09/927,160 ) Group Art Unit: 1632  
Filing Date: August 9, 2001 )  
For: TRANSGENIC ANIMALS )  
PRODUCED BY HOMOLOGOUS )  
SEQUENCE TARGETING )

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Signed: \_\_\_\_\_

*Lisa Jeanetta*  
Lisa Jeanetta

Assistant Commissioner for Patents  
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Sir:

Prior to examination, please amend the above-identified application as follows:

In the Claims:

Please cancel claim 1, without prejudice or disclaimer.

Please add the following new claims:

32. A method of making a transgenic mammal comprising:

introducing into at least one mammalian zygote at least one recombinase and at least two single-stranded targeting polynucleotides which are substantially complementary to each other to produce a modified zygote comprising a modified endogenous nucleic acid; and

implanting said modified zygote into a female mammal.